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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | ATTY. DOCKET NO. 1-5222 | | SERIAL NO. <div style="font-size: 1.5em; font-family: cursive;">10/690, 247</div> | |
| | | | | APPLICANT JAMES A. DUGGAN | | | |
| | | | | FILING DATE <div style="font-size: 1.5em; font-family: cursive;">10/21/2003</div> | | GROUP <div style="font-size: 1.5em; font-family: cursive;">3679</div> | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|--|--|--------------------|---------|-----------------|-------|----------|-------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <div style="font-family: cursive;">B</div> | | 3,739,600 | 6/1973 | Pere | / | / | |
| <div style="font-family: cursive;">B</div> | | 3,766,972 | 10/1973 | Kitano et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,188,802 | 2/1980 | Zeidler et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,249,396 | 2/1981 | Ziegler | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,424,046 | 1/1984 | Zeigler | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,680,984 | 7/1987 | Wahling et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,705,489 | 11/1987 | Haarmann et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 4,804,352 | 2/1989 | Schmidt | / | / | |
| <div style="font-family: cursive;">B</div> | | 5,562,545 | 10/1996 | Wahling et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 5,766,675 | 6/1998 | Andra et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,068,555 | 5/2000 | Andra et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,264,164 | 7/2001 | Steinmaier | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,315,670 | 11/2001 | Andra et al. | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,343,777 | 2/2002 | Andra | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,622,975 | 9/2003 | Steinmaier | / | / | |
| <div style="font-family: cursive;">B</div> | | 6,634,793 | 10/2003 | Zimmermann | / | / | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--|--------------------|------|---------|-------|----------|-----------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
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| Examiner: Greg Binda Initial if citation is pertinent to the examination of the claims. | DATE CONSIDERED 09 DEC 2004 |
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EXAMINER: Initial if citation is pertinent to the examination of the claims. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.